

**REMARKS**

Applicant would like to thank the Examiner for the detailed remarks. Claims 1, 15, and 19 have been amended. Accordingly, claims 1, 4-13, and 15-19 are pending.

The Examiner rejected claims 1, 4-13, and 15-19 under 35 U.S.C. for being directed to non-statutory subject matter. Claims 1 has been amended to recite that “the user interface and the processor are in communication with a computer having a computer readable medium including instructions for executing an algorithm.”

Claim 15 has been amended to recite “a computer having a computer readable medium including instructions for” performing the method.

Claim 19 has been amended to recite “using the computer readable medium on a computer to compute a proposed inventory level.” Therefore, the Applicant respectfully requests that the rejection of claims 1, 4-13, and 15-19 be withdrawn.

The Examiner rejected claim 19 under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. A “computer readable medium” is a term of art representing a physical and tangible device familiar to a person of ordinary skill. Therefore, the Applicant respectfully requests that the rejection be withdrawn.

The Examiner rejected claims 1, 4-13, and 15-19 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1, 15, and 19, have been amended to recite “recomputing a probability term” as found in paragraph [0046]. Therefore, the Applicant respectfully requests that the rejection of claims 1, 4-13, and 15-19 be withdrawn.

No additional fees are seen to be required. If any additional fees are due, however, the Commissioner is authorized to charge Deposit Account No. 21-0279, in the name of United Technologies Corporation, for any additional fees or credit the account for any overpayment.

Respectfully submitted,

/Kerrie A. Laba/

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